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| Terms | Documents |
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| L2 and relational adj database adj management adj system | 69 |

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L3

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Tuesday, December 09, 2003 [Printable Copy](#) [Create Case](#)**Set Name Query**
side by side**Hit Count Set Name**
result set*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=OR*L3 L2 and relational adj database adj management adj system 69 L3L2 "massively parallel" 2643 L2L1 5,966,704.pn. 2 L1

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 51 through 69 of 69 returned.**☐ 51. Document ID: US 6032143 A

L3: Entry 51 of 69

File: USPT

Feb 29, 2000

US-PAT-NO: 6032143

DOCUMENT-IDENTIFIER: US 6032143 A

TITLE: Evaluation of existential and universal subquery in a relational database management system for increased efficiency

DATE-ISSUED: February 29, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|----------|-------|----------|---------|
| Leung; Ting Yu | San Jose | CA | | |
| Lui; Alex Chak-tsang | Kowloon | | | HK |
| Pirahesh; Mir Hamid | San Jose | CA | | |
| Truong; Tuong Chanh | San Jose | CA | | |

US-CL-CURRENT: 707/2; 707/10

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☐ 52. Document ID: US 5999916 A

L3: Entry 52 of 69

File: USPT

Dec 7, 1999

US-PAT-NO: 5999916

DOCUMENT-IDENTIFIER: US 5999916 A

**** See image for Certificate of Correction ****

TITLE: No-reset option in a batch billing system

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|------------|-------|----------|---------|
| Peters; Michael S. | Greensboro | NC | | |
| Holt; Clayton Walter | Greensboro | NC | | |
| Arnold, Jr.; David J. | Asheboro | NC | | |

US-CL-CURRENT: 705/34; 709/101, 709/105, 709/106, 714/10

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☐ 53. Document ID: US 5963933 A

L3: Entry 53 of 69

File: USPT

Oct 5, 1999

US-PAT-NO: 5963933

DOCUMENT-IDENTIFIER: US 5963933 A

TITLE: Efficient implementation of full outer join and anti-join

DATE-ISSUED: October 5, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|----------|-------|----------|---------|
| Cheng; Josephine M. | San Jose | CA | | |
| Leung; Ting Yu | San Jose | CA | | |
| Pirahesh; Mir Hamid | San Jose | CA | | |

US-CL-CURRENT: 707/2; 707/100, 707/102, 707/3, 707/4, 707/5

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☐ 54. Document ID: US 5940819 A

L3: Entry 54 of 69

File: USPT

Aug 17, 1999

US-PAT-NO: 5940819

DOCUMENT-IDENTIFIER: US 5940819 A

TITLE: User specification of query access paths in a relational database management system

DATE-ISSUED: August 17, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|-------------|-------|----------|---------|
| Beavin; Thomas Abel | Milpitas | CA | | |
| Haderle; Donald J. | Los Gatos | CA | | |
| Shibamiya; Akira | Los Altos | CA | | |
| Tie; Hong Sang | Morgan Hill | CA | | |
| Wang; Yun | Saratoga | CA | | |

US-CL-CURRENT: 707/2; 707/101, 707/3

| | | | | | | | | | | | | |
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☐ 55. Document ID: US 5884303 A

L3: Entry 55 of 69

File: USPT

Mar 16, 1999

US-PAT-NO: 5884303

DOCUMENT-IDENTIFIER: US 5884303 A

TITLE: Parallel searching technique

DATE-ISSUED: March 16, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------------|-----------|-------|----------|---------|
| Brown; Anthony Peter Graham | Camberley | | | GB2 |

US-CL-CURRENT: 707/3; 707/10, 707/2

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 56. Document ID: US 5884299 A

L3: Entry 56 of 69

File: USPT

Mar 16, 1999

US-PAT-NO: 5884299

DOCUMENT-IDENTIFIER: US 5884299 A

TITLE: Optimization of SQL queries involving aggregate expressions using a plurality of local and global aggregation operations

DATE-ISSUED: March 16, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|-----------|-------|----------|---------|
| Ramesh; Bhashyam | San Diego | CA | | |
| Kraus; Timothy Brent | San Diego | CA | | |
| Walter; Todd Allan | Poway | CA | | |

US-CL-CURRENT: 707/2; 707/10, 707/3, 709/201

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 57. Document ID: US 5864857 A

L3: Entry 57 of 69

File: USPT

Jan 26, 1999

US-PAT-NO: 5864857

DOCUMENT-IDENTIFIER: US 5864857 A

TITLE: Method for processing multi-dimensional data

DATE-ISSUED: January 26, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|----------|-------|----------|---------|
| Ohata; Hideo | Fujisawa | | | JP |
| Kiyasu; Kiyotaka | Kawasaki | | | JP |
| Ozu; Ikuyo | Kamakura | | | JP |
| Kimura; Tomoko | Kawasaki | | | JP |
| Masuishi; Tetsuya | Machida | | | JP |
| Yoneda; Shigeru | Ebina | | | JP |

US-CL-CURRENT: 707/100

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 58. Document ID: US 5864842 A

L3: Entry 58 of 69

File: USPT

Jan 26, 1999

US-PAT-NO: 5864842

DOCUMENT-IDENTIFIER: US 5864842 A

**** See image for Certificate of Correction ****

TITLE: Optimization of SQL queries using hash star join operations

DATE-ISSUED: January 26, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------------|--------------|-------|----------|---------|
| Pederson; Donald Raymond | La Palma | CA | | |
| Kostamaa; Olli Pekka | Santa Monica | CA | | |

US-CL-CURRENT: 707/3; 707/2

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 59. Document ID: US 5864840 A

L3: Entry 59 of 69

File: USPT

Jan 26, 1999

US-PAT-NO: 5864840

DOCUMENT-IDENTIFIER: US 5864840 A

**** See image for Certificate of Correction ****TITLE: Evaluation of existential and universal subquery in a relational database management system for increased efficiency

DATE-ISSUED: January 26, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|----------|-------|----------|---------|
| Leung; Ting Yu | San Jose | CA | | |
| Lui; Alex Chak-tsang | Kowloon | | | HK |
| Pirahesh; Mir Hamid | San Jose | CA | | |
| Truong; Tuong Chanh | San Jose | CA | | |

US-CL-CURRENT: 707/2; 707/10

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 60. Document ID: US 5822750 A

L3: Entry 60 of 69

File: USPT

Oct 13, 1998

US-PAT-NO: 5822750

DOCUMENT-IDENTIFIER: US 5822750 A

TITLE: Optimization of correlated SQL queries in a relational database management system

DATE-ISSUED: October 13, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|----------|-------|----------|---------|
| Jou; Michelle M. | San Jose | CA | | |
| Leung; Ting Yu | San Jose | CA | | |
| Pirahesh; Mir Hamid | San Jose | CA | | |

US-CL-CURRENT: 707/2; 707/3

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 61. Document ID: US 5819251 A

L3: Entry 61 of 69

File: USPT

Oct 6, 1998

US-PAT-NO: 5819251

DOCUMENT-IDENTIFIER: US 5819251 A

**** See image for Certificate of Correction ****

TITLE: System and apparatus for storage retrieval and analysis of relational and non-relational data

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------------|----------------|-------|----------|---------|
| Kremer; Mark | Sunnyvale | CA | | |
| Tran; Quoc Tai | Redwood Shores | CA | | |
| Depledge; Michael | San Jose | CA | | |
| Mukhopadhyay; Santanu | Foster City | CA | | |
| Keese; William M. | Menlo Park | CA | | |
| Arbab-Dehkordi; Behrouz | Foster City | CA | | |

US-CL-CURRENT: 707/1; 707/104.1

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 62. Document ID: US 5745753 A

L3: Entry 62 of 69

File: USPT

Apr 28, 1998

US-PAT-NO: 5745753

DOCUMENT-IDENTIFIER: US 5745753 A

TITLE: Remote duplicate database facility with database replication support for online DDL operations

DATE-ISSUED: April 28, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|-----------|-------|----------|---------|
| Mosher, Jr.; Malcolm | Los Gatos | CA | | |

US-CL-CURRENT: 707/202; 707/204

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 63. Document ID: US 5724584 A

L3: Entry 63 of 69

File: USPT

Mar 3, 1998

US-PAT-NO: 5724584

DOCUMENT-IDENTIFIER: US 5724584 A

TITLE: Method and apparatus for processing discrete billing events

DATE-ISSUED: March 3, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|------------|-------|----------|---------|
| Peters; Michael S. | Greensboro | NC | | |
| Holt; Clayton Walter | Greensboro | NC | | |
| Arnold, Jr.; David J. | Asheboro | NC | | |

US-CL-CURRENT: 709/101; 379/116, 379/119, 709/106, 709/318

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 64. Document ID: US 5668993 A

L3: Entry 64 of 69

File: USPT

Sep 16, 1997

US-PAT-NO: 5668993

DOCUMENT-IDENTIFIER: US 5668993 A

TITLE: Multithreaded batch processing system

DATE-ISSUED: September 16, 1997

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|------------|-------|----------|---------|
| Peters; Michael S. | Greensboro | NC | | |
| Holt; Clayton Walter | Greensboro | NC | | |
| Arnold, Jr.; David J. | Asheboro | NC | | |

US-CL-CURRENT: 709/101; 705/34, 709/105, 709/106, 714/10

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☒ 65. Document ID: US 5548770 A

L3: Entry 65 of 69

File: USPT

Aug 20, 1996

US-PAT-NO: 5548770

DOCUMENT-IDENTIFIER: US 5548770 A

TITLE: Method and apparatus for improving retrieval of data from a database

DATE-ISSUED: August 20, 1996

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|-------------|-------|----------|---------|
| Bridges; Timothy R. | Bloomington | IN | | |

US-CL-CURRENT: 707/2

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 66. Document ID: US 20030088546 A1 EP 1302886 A1

L3: Entry 66 of 69

File: DWPI

May 8, 2003

DERWENT-ACC-NO: 2003-432408

DERWENT-WEEK: 200341

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TITLE: Demographics information presentation method in relational database management system, involves displaying demographics information in graphical format based on user-selected menu item in graphical user interface screen

INVENTOR: BROWN, D P; CHAWARE, J

PRIORITY-DATA: 2001US-0976632 (October 12, 2001)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-------------------|----------------|----------|-------|------------|
| US 20030088546 A1 | May 8, 2003 | | 000 | G06F017/30 |
| EP 1302886 A1 | April 16, 2003 | E | 032 | G06F017/60 |

INT-CL (IPC): G06 F 7/00; G06 F 17/30; G06 F 17/60

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☐ 67. Document ID: EP 1172740 A2 JP 2002092009 A

L3: Entry 67 of 69

File: DWPI

Jan 16, 2002

DERWENT-ACC-NO: 2002-156658

DERWENT-WEEK: 200238

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TITLE: Data mining application execution method in relational database management system, involves creating analytic model within analytic logical data using SQL based analytic algorithm

INVENTOR: CUNNINGHAM, S W; HILDRETH, J D

PRIORITY-DATA: 2000US-0592024 (June 12, 2000)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------|------------------|----------|-------|------------|
| EP 1172740 A2 | January 16, 2002 | E | 014 | G06F017/30 |
| JP 2002092009 A | March 29, 2002 | | 049 | G06F017/30 |

INT-CL (IPC): G06 F 17/30; G06 F 19/00

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☐ 68. Document ID: EP 1091293 A1 US 6351749 B1

L3: Entry 68 of 69

File: DWPI

Apr 11, 2001

DERWENT-ACC-NO: 2001-490579

DERWENT-WEEK: 200220

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TITLE: Multi-threaded, multi-tasking architecture for relational database management system, has RDBMS insulating layer that provides mechanisms for accessing memory segments under process or thread model OS

INVENTOR: BROWN, D P; DIAZ, A N ; PEDERSON, D R

PRIORITY-DATA: 1999US-0410389 (September 30, 1999)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|-------------------|----------|-------|------------|
| EP 1091293 A1 | April 11, 2001 | E | 011 | G06F009/46 |
| US 6351749 B1 | February 26, 2002 | | 000 | G06F017/30 |

INT-CL (IPC): G06 F 9/46; G06 F 17/30

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☐ 69. Document ID: US 6067542 A

L3: Entry 69 of 69

File: DWPI

May 23, 2000

DERWENT-ACC-NO: 2000-578252

DERWENT-WEEK: 200054

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TITLE: Query execution for retrieving data from database in computer, involves optimizing execution of query, based on received optimization information for execution within massively parallel, shared nothing architecture

INVENTOR: CARINO, F

PRIORITY-DATA: 1997US-0940851 (September 30, 1997), 1995US-0546059 (October 20, 1995), 1995US-0546070 (October 20, 1995), 1995US-0546101 (October 20, 1995), 1995US-0546283 (October 20, 1995), 1995US-0546465 (October 20, 1995), 1995US-0546466 (October 20, 1995)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--------------|--------------|----------|-------|------------|
| US 6067542 A | May 23, 2000 | | 023 | G06F017/30 |

INT-CL (IPC): G06 F 17/30

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 50 of 69 returned.**☐ 1. Document ID: US 20030191608 A1

L3: Entry 1 of 69

File: PGPB

Oct 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030191608

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030191608 A1

TITLE: Data processing and observation system

PUBLICATION-DATE: October 9, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|---------------------------|-----------|-------|---------|---------|
| Anderson, Mark Stephen | Edinburgh | | AU | |
| Engelhardt, Dean Crawford | Edinburgh | | AU | |
| Marriott, Damian Andrew | Edinburgh | | AU | |
| Randhawa, Suneel Singh | Edinburgh | | AU | |

US-CL-CURRENT: 702/189[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KWIC](#) [Draw Desc](#) [Image](#)☐ 2. Document ID: US 20030187862 A1

L3: Entry 2 of 69

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187862

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030187862 A1

TITLE: Using point-in-time views to provide varying levels of data freshness

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|--------|-------|---------|---------|
| Brobst, Stephen A. | Sparks | NV | US | |

US-CL-CURRENT: 707/102[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KWIC](#) [Draw Desc](#) [Image](#)☐ 3. Document ID: US 20030167229 A1

L3: Entry 3 of 69

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030167229
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030167229 A1

TITLE: Modular business transations platform

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|-----------------------|------------|-------|---------|---------|
| Ludwig, Keith | Newfields | NH | US | |
| Bennett, David Armand | Portsmouth | NH | US | |
| Park, Gregory Ernest | Stratham | NH | US | |

US-CL-CURRENT: 705/40

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☐ 4. Document ID: US 20030093433 A1

L3: Entry 4 of 69

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030093433
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030093433 A1

TITLE: Method and system for software application development and customizable runtime environment

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|----------------|-------|---------|---------|
| Seaman, Christopher G. | South Jordan | UT | US | |
| James, Bruce Alan | Salt Lake City | UT | US | |
| Quinn, Steven J. | Farmington | UT | US | |
| Dorius, Paul F. | Park City | UT | US | |
| Petersen, Scott T. | Fruit Heights | UT | US | |
| Miller, Keven D. | Orem | UT | US | |

US-CL-CURRENT: 707/102

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 5. Document ID: US 20030093408 A1

L3: Entry 5 of 69

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030093408
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030093408 A1

TITLE: Index selection in a database system

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|--------------|-------|---------|---------|
| Brown, Douglas P. | San Diego | CA | US | |
| Chaware, Jeetendra | Hyderabad | | IN | |
| Koppuravuri, Manjula | Secunderabad | | IN | |

US-CL-CURRENT: 707/2

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 6. Document ID: US 20030088579 A1

L3: Entry 6 of 69

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030088579

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030088579 A1

TITLE: Collecting statistics in a database system

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|----------------|-------|---------|---------|
| Brown, Douglas P. | San Diego | CA | US | |
| Chaware, Jeetendra | Andhra Pradesh | | IN | |

US-CL-CURRENT: 707/104.1

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 7. Document ID: US 20030088546 A1

L3: Entry 7 of 69

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030088546

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030088546 A1

TITLE: Collecting and/or presenting demographics information in a database system

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|-----------------|-------|---------|---------|
| Brown, Douglas P. | Rancho Santa Fe | CA | US | |
| Chaware, Jeetendra | Andhra Pradesh | | IN | |

US-CL-CURRENT: 707/3

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 8. Document ID: US 20030059837 A1

L3: Entry 8 of 69

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030059837
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030059837 A1

TITLE: Method and system for planning, performing, and assessing high-throughput screening of multicomponent chemical compositions and solid forms of compounds

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|-----------------------|-------------|-------|---------|---------|
| Levinson, Douglas A. | Sherborn | MA | US | |
| McNulty, Christopher | Minneapolis | MN | US | |
| Moore, Christopher B. | Cambridge | MA | US | |

US-CL-CURRENT: 435/7.1; 702/19

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 9. Document ID: US 20030014324 A1

L3: Entry 9 of 69

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030014324
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030014324 A1

TITLE: Techniques for synthesizing and distributing personal care products

PUBLICATION-DATE: January 16, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------------|---------------|-------|---------|---------|
| Donovan, Don Roderick | Sebastopol | CA | US | |
| Maloney, Dennis Andrew | San Francisco | CA | US | |
| Foy, Julie Marie | Mason | OH | US | |
| Schultz, Thomas Matthew | Randolph | NJ | US | |
| Grayson, Jonathan James | San Francisco | CA | US | |
| Schrader, Elizabeth Murphy | San Francisco | CA | US | |
| Gobel, Kimberly Christa | San Francisco | CA | US | |

US-CL-CURRENT: 705/26

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 10. Document ID: US 20030004874 A1

L3: Entry 10 of 69

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030004874
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030004874 A1

TITLE: Electronic bill presentment system with client specific formatting of data

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|-----------------------|------------|-------|---------|---------|
| Ludwig, Keith David | Newfields | NH | US | |
| Bennett, David Armand | Portsmouth | NH | US | |
| Park, Gregory Ernest | Stratham | NH | US | |

US-CL-CURRENT: 705/40

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 11. Document ID: US 20020198829 A1

L3: Entry 11 of 69

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198829

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020198829 A1

TITLE: Modular business transactions platform

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|-----------------------|------------|-------|---------|---------|
| Ludwig, Keith | Newfields | NH | US | |
| Bennett, David Armand | Portsmouth | NH | US | |
| Park, Gregory Ernest | Stratham | NH | US | |

US-CL-CURRENT: 705/40; 705/39

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 12. Document ID: US 20020198828 A1

L3: Entry 12 of 69

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198828

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020198828 A1

TITLE: Modular business transactions platform

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|-----------------------|------------|-------|---------|---------|
| Ludwig, Keith | Newfields | NH | US | |
| Bennett, David Armand | Portsmouth | NH | US | |
| Park, Gregory Ernest | Stratham | NH | US | |

US-CL-CURRENT: 705/40

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 13. Document ID: US 20020198798 A1

L3: Entry 13 of 69

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198798

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020198798 A1

TITLE: Modular business transactions platform

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|-----------------------|------------|-------|---------|---------|
| Ludwig, Keith | Newfields | NH | US | |
| Bennett, David Armand | Portsmouth | NH | US | |
| Park, Gregory Ernest | Stratham | NH | US | |

US-CL-CURRENT: 705/35

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 14. Document ID: US 20020184222 A1

L3: Entry 14 of 69

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020184222

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020184222 A1

TITLE: Chaining database records that represent a single customer or multiple customers living in a household

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------|----------|-------|---------|---------|
| Kohut, Eric J. | Chicago | IL | US | |
| Pricer, James E. | New York | NY | US | |

US-CL-CURRENT: 707/10

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 15. Document ID: US 20020177167 A1

L3: Entry 15 of 69

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020177167

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020177167 A1

TITLE: Method and system for planning, performing, and assessing high-throughput screening of multicomponent chemical compositions and solid forms of compounds

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|-----------|-------|---------|---------|
| Levinson, Douglas A. | Sherborn | MA | US | |
| Chin, Donovan | Lexington | MA | US | |

US-CL-CURRENT: 435/7.1; 436/518, 702/19

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 16. Document ID: US 20020169658 A1

L3: Entry 16 of 69

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169658

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020169658 A1

TITLE: System and method for modeling and analyzing strategic business decisions

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|-------------------|------------|-------|---------|---------|
| Adler, Richard M. | Winchester | MA | US | |

US-CL-CURRENT: 705/10

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 17. Document ID: US 20020161778 A1

L3: Entry 17 of 69

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161778

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020161778 A1

TITLE: Method and system of data warehousing and building business intelligence using a data storage model

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|-----------|-------|---------|---------|
| Linstedt, Daniel Eames | Littleton | CO | US | |

US-CL-CURRENT: 707/102

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 18. Document ID: US 20020156763 A1

L3: Entry 18 of 69

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156763
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020156763 A1

TITLE: Extended functionality for an inverse inference engine based web search

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|----------|-------|---------|---------|
| Marchisio, Giovanni B. | Kirkland | WA | US | |

US-CL-CURRENT: 707/1

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 19. Document ID: US 20020138376 A1

L3: Entry 19 of 69

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020138376
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020138376 A1

TITLE: Multi-processing financial transaction processing system

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|--------|-------|---------|---------|
| Hinkle, William H. | Denver | CO | US | |

US-CL-CURRENT: 705/30

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 20. Document ID: US 20020112094 A1

L3: Entry 20 of 69

File: PGPB

Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020112094
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020112094 A1

TITLE: Optimized end transaction processing

PUBLICATION-DATE: August 15, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|---------------------|-----------|-------|---------|---------|
| Pederson, Donald R. | San Diego | CA | US | |
| Chapman, James B. | Glendale | CA | US | |

US-CL-CURRENT: 709/330

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 21. Document ID: US 20020078321 A1

L3: Entry 21 of 69

File: PGPB

Jun 20, 2002

PGPUB-DOCUMENT-NUMBER: 20020078321
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020078321 A1

TITLE: Multithreaded batch processing system

PUBLICATION-DATE: June 20, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|------------|-------|---------|---------|
| Peters, Michael S. | Greensboro | NC | US | |
| Holt, Clayton Walter | Greensboro | NC | US | |
| Arnold, David J. JR. | Asheboro | NC | US | |

US-CL-CURRENT: 712/28

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 22. Document ID: US 20020073115 A1

L3: Entry 22 of 69

File: PGPB

Jun 13, 2002

PGPUB-DOCUMENT-NUMBER: 20020073115
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020073115 A1

TITLE: RDL search engine

PUBLICATION-DATE: June 13, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|-------------------|----------|-------|---------|---------|
| Davis, Russell T. | Bethesda | MD | US | |

US-CL-CURRENT: 715/500.1

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 23. Document ID: US 20020065694 A1

L3: Entry 23 of 69

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020065694
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020065694 A1

TITLE: No-reset option in a batch billing system

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|------------|-------|---------|---------|
| Peters, Michael S. | Greensboro | NC | US | |
| Holt, Clayton Walter | Greensboro | NC | US | |
| Arnold, David J. JR. | Asheboro | NC | US | |

US-CL-CURRENT: 705/7

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 24. Document ID: US 20020023069 A1

L3: Entry 24 of 69

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020023069
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020023069 A1

TITLE: APPORTIONING A WORK UNIT TO EXECUTE IN PARALLEL IN A HETEROGENEOUS ENVIRONMENT

PUBLICATION-DATE: February 21, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|---------------------------|--------------|-------|---------|---------|
| BLANK, TED ERIC | SAN JOSE | CA | US | |
| DANG, TAMMIE | MORGAN HILL | CA | US | |
| LIN, FEN-LING | SAN JOSE | CA | US | |
| NAKAGAWA, RANDY MITCHELL | SAN JOSE | CA | US | |
| SMITH, BRYAN FREDERICK | MORGAN HILL | CA | US | |
| SUTTON, CRAIG LEONARD | PALO ALTO | CA | US | |
| SWANK, DARREN BENJAMIN | POUGHKEEPSIE | NY | US | |
| TIE, HONG SANG | MORGAN HILL | CA | US | |
| TONELLI, DINO CARLO | MARLBORO | NY | US | |
| TSANG, ANNIE S. | SARATOGA | CA | US | |
| YANG, KOUHORNG ALLEN | SARATOGA | CA | US | |
| ZEIDENSTEIN, KATHRYN RUTH | SAN JOSE | CA | US | |

US-CL-CURRENT: 707/1; 707/104.1

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|

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| KWIC | Draw Desc | Image |
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☐ 25. Document ID: US 20020016771 A1

L3: Entry 25 of 69

File: PGPB

Feb 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020016771
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020016771 A1

TITLE: System and method for managing financial transaction information

PUBLICATION-DATE: February 7, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|-------------------|---------------|-------|---------|---------|
| Carothers, Kevin | North Hills | CA | US | |
| Khilkevich, Simon | Northridge | CA | US | |
| Plakos, Bonnie | Santa Clarita | CA | US | |
| Barkus, Arunas | Santa Monica | CA | US | |

US-CL-CURRENT: 705/43; 705/1

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 26. Document ID: US 6658488 B2

L3: Entry 26 of 69

File: USPT

Dec 2, 2003

US-PAT-NO: 6658488
DOCUMENT-IDENTIFIER: US 6658488 B2

TITLE: No-reset option in a batch billing system

DATE-ISSUED: December 2, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|------------|-------|----------|---------|
| Peters; Michael S. | Greensboro | NC | | |
| Holt; Clayton Walter | Greensboro | NC | | |
| Arnold, Jr.; David J. | Asheboro | NC | | |

US-CL-CURRENT: 719/318; 718/101

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 27. Document ID: US 6625593 B1

L3: Entry 27 of 69

File: USPT

Sep 23, 2003

US-PAT-NO: 6625593
DOCUMENT-IDENTIFIER: US 6625593 B1

TITLE: Parallel query optimization strategies for replicated and partitioned tables

DATE-ISSUED: September 23, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|----------|-------|----------|---------|
| Leung; Ting Yu | San Jose | CA | | |
| Pirahesh; Mir Hamid | San Jose | CA | | |
| Simmen; David E. | San Jose | CA | | |
| Truong; Tuong Chanh | San Jose | CA | | |

US-CL-CURRENT: 707/2; 707/4

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 28. Document ID: US 6615205 B1

L3: Entry 28 of 69

File: USPT

Sep 2, 2003

US-PAT-NO: 6615205

DOCUMENT-IDENTIFIER: US 6615205 B1

TITLE: Horizontal implementation of expectation-maximization algorithm in SQL for performing clustering in very large databases

DATE-ISSUED: September 2, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Cereghini; Paul M. | Escondido | CA | 92027 | |
| Ordonez; Carlos | Escondido | CA | 92026 | |

US-CL-CURRENT: 707/3

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 29. Document ID: US 6611829 B1

L3: Entry 29 of 69

File: USPT

Aug 26, 2003

US-PAT-NO: 6611829

DOCUMENT-IDENTIFIER: US 6611829 B1

TITLE: SQL-based analytic algorithm for association

DATE-ISSUED: August 26, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|-------------|-------|----------|---------|
| Tate; Brian Don | Escondido | CA | | |
| Pricer; James Edward | Chapel Hill | NC | | |
| Anand; Tej | Chappaqua | NY | | |
| Kerber; Randy Gerard | San Jose | CA | | |

US-CL-CURRENT: 707/2; 707/10, 707/3, 707/6, 715/509

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| KWIC | Draw Desc | Image |
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☐ 30. Document ID: US 6553366 B1

L3: Entry 30 of 69

File: USPT

Apr 22, 2003

US-PAT-NO: 6553366

DOCUMENT-IDENTIFIER: US 6553366 B1

TITLE: Analytic logical data model

DATE-ISSUED: April 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------------|-----------|-------|----------|---------|
| Miller; Timothy Edward | Temecula | CA | | |
| Tate; Brian Don | Escondido | CA | | |
| Rollins; Anthony Lowell | San Diego | CA | | |

US-CL-CURRENT: 707/2; 707/100, 707/101, 707/104.1, 707/3, 707/4, 707/6

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 31. Document ID: US 6549910 B1

L3: Entry 31 of 69

File: USPT

Apr 15, 2003

US-PAT-NO: 6549910

DOCUMENT-IDENTIFIER: US 6549910 B1

TITLE: SQI-based automated, adaptive, histogram bin data description assist

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------|-----------|-------|----------|---------|
| Tate; Brian Don | Escondido | CA | | |

US-CL-CURRENT: 707/102

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 32. Document ID: US 6519591 B1

L3: Entry 32 of 69

File: USPT

Feb 11, 2003

US-PAT-NO: 6519591

DOCUMENT-IDENTIFIER: US 6519591 B1

**** See image for Certificate of Correction ****

TITLE: Vertical implementation of expectation-maximization algorithm in SQL for performing clustering in very large databases

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Cereghini; Paul M. | Escondido | CA | | |
| Ordenez; Carlos | Escondido | CA | | |

US-CL-CURRENT: 707/6; 707/3

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☐ 33. Document ID: US 6510406 B1

L3: Entry 33 of 69

File: USPT

Jan 21, 2003

US-PAT-NO: 6510406

DOCUMENT-IDENTIFIER: US 6510406 B1

TITLE: Inverse inference engine for high performance web search

DATE-ISSUED: January 21, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------|----------|-------|----------|---------|
| Marchisio; Giovanni B. | Kirkland | WA | | |

US-CL-CURRENT: 704/9; 707/3

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☐ 34. Document ID: US 6505285 B1

L3: Entry 34 of 69

File: USPT

Jan 7, 2003

US-PAT-NO: 6505285

DOCUMENT-IDENTIFIER: US 6505285 B1

TITLE: Scratch segment subsystem for a parallel processing database system

DATE-ISSUED: January 7, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|----------------|-------|----------|---------|
| Rabinovici; Sorana | Woodland Hills | CA | | |
| Miller; Daniel H. | Hermosa Beach | CA | | |

US-CL-CURRENT: 711/170; 156/203, 156/208

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☐ 35. Document ID: US 6505284 B1

L3: Entry 35 of 69

File: USPT

Jan 7, 2003

US-PAT-NO: 6505284

DOCUMENT-IDENTIFIER: US 6505284 B1

TITLE: File segment subsystem for a parallel processing database system

DATE-ISSUED: January 7, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|----------------|-------|----------|---------|
| Rabinovici; Sorana | Woodland Hills | CA | | |
| Calkins; Dennis R. | Carson | CA | | |

US-CL-CURRENT: 711/170; 711/133, 711/136, 711/163

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 36. Document ID: US 6496834 B1

L3: Entry 36 of 69

File: USPT

Dec 17, 2002

US-PAT-NO: 6496834

DOCUMENT-IDENTIFIER: US 6496834 B1

TITLE: Method for performing clustering in very large databases

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Cereghini; Paul M. | Escondido | CA | | |
| Ordonez; Carlos | Escondido | CA | | |

US-CL-CURRENT: 707/102

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 37. Document ID: US 6496823 B2

L3: Entry 37 of 69

File: USPT

Dec 17, 2002

US-PAT-NO: 6496823

DOCUMENT-IDENTIFIER: US 6496823 B2

TITLE: Apportioning a work unit to execute in parallel in a heterogeneous environment

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------------|--------------|-------|----------|---------|
| Blank; Ted Eric | San Jose | CA | | |
| Dang; Tammie | Morgan Hill | CA | | |
| Lin; Fen-Ling | San Jose | CA | | |
| Nakagawa; Randy Mitchell | San Jose | CA | | |
| Smith; Bryan Frederick | Morgan Hill | CA | | |
| Sutton; Craig Leonard | Palo Alto | CA | | |
| Swank; Darren Benjamin | Poughkeepsie | NY | | |
| Tie; Hong Sang | San Jose | CA | | |
| Tonelli; Dino Carlo | Marlboro | NY | | |
| Tsang; Annie S. | Saratoga | CA | | |
| Yang; Kouhornng Allen | Saratoga | CA | | |
| Zeidenstein; Kathryn Ruth | San Jose | CA | | |

US-CL-CURRENT: 707/10; 707/2, 707/3, 709/106, 709/107, 709/201

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 38. Document ID: US 6484163 B1

L3: Entry 38 of 69

File: USPT

Nov 19, 2002

US-PAT-NO: 6484163

DOCUMENT-IDENTIFIER: US 6484163 B1

TITLE: Technique for data mining of large scale relational databases using SQL

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------------|--------------|-------|----------|---------|
| Lawrence; Andrew Martin | Tempe | AZ | | |
| Ramsey; Mark Steven | Colleyville | TX | | |
| Selby; David Alec | Hampshire | | | GB |
| Thomas; Vincent Philip | Severna Park | MD | | |

US-CL-CURRENT: 707/3; 707/2, 707/7, 717/162

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 39. Document ID: US 6442533 B1

L3: Entry 39 of 69

File: USPT

Aug 27, 2002

US-PAT-NO: 6442533

DOCUMENT-IDENTIFIER: US 6442533 B1

TITLE: Multi-processing financial transaction processing system

DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|--------|-------|----------|---------|
| Hinkle; William H. | Denver | CO | 80228 | |

US-CL-CURRENT: 705/35; 705/30, 705/32, 705/36, 705/37, 705/38

| | | | | | | | | | | | | |
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☐ 40. Document ID: US 6438552 B1

L3: Entry 40 of 69

File: USPT

Aug 20, 2002

US-PAT-NO: 6438552

DOCUMENT-IDENTIFIER: US 6438552 B1

TITLE: SQL-Based automated histogram bin data derivation assist

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------|-----------|-------|----------|---------|
| Tate; Brian Don | Escondido | CA | | |

US-CL-CURRENT: 707/10; 707/101, 707/102, 707/2, 707/3

| | | | | | | | | | | | | |
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☐ 41. Document ID: US 6421665 B1

L3: Entry 41 of 69

File: USPT

Jul 16, 2002

US-PAT-NO: 6421665

DOCUMENT-IDENTIFIER: US 6421665 B1

TITLE: SQL-based data reduction techniques for delivering data to analytic tools

DATE-ISSUED: July 16, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------------|-----------|-------|----------|---------|
| Brye; Todd Michael | San Diego | CA | | |
| Tate; Brian Don | Escondido | CA | | |
| Rollins; Anthony Lowell | San Diego | CA | | |

US-CL-CURRENT: 707/3; 707/100, 707/102, 707/2, 707/4

| | | | | | | | | | | | | |
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☐ 42. Document ID: US 6351749 B1

L3: Entry 42 of 69

File: USPT

Feb 26, 2002

US-PAT-NO: 6351749

DOCUMENT-IDENTIFIER: US 6351749 B1

TITLE: Multi-threading, multi-tasking architecture for a relational database management system

DATE-ISSUED: February 26, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|-----------------|-------|----------|---------|
| Brown; Douglas P. | Rancho Santa Fe | CA | | |
| Diaz; Allen N. | Santa Ana | CA | | |
| Pederson; Donald R. | San Diego | CA | | |

US-CL-CURRENT: 707/10; 707/101, 707/104.1, 707/8

| | | | | | | | | | |
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| KWIC | Draw Desc | Image |
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☐ 43. Document ID: US 6345267 B1

L3: Entry 43 of 69

File: USPT

Feb 5, 2002

US-PAT-NO: 6345267

DOCUMENT-IDENTIFIER: US 6345267 B1

TITLE: Method and system for look ahead query evaluation planning based on interesting partition properties

DATE-ISSUED: February 5, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|----------|-------|----------|---------|
| Lohman; Guy Maring | San Jose | CA | | |
| Shekita; Eugene Jon | San Jose | CA | | |
| Simmen; David E. | San Jose | CA | | |
| Urata; Monica Sachiye | Saratoga | CA | | |

US-CL-CURRENT: 707/2; 707/103Z, 707/3, 707/4, 707/5

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 44. Document ID: US 6339769 B1

L3: Entry 44 of 69

File: USPT

Jan 15, 2002

US-PAT-NO: 6339769

DOCUMENT-IDENTIFIER: US 6339769 B1

**** See image for Certificate of Correction ****

TITLE: Query optimization by transparently altering properties of relational tables using materialized views

DATE-ISSUED: January 15, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|---------------|-------|----------|---------|
| Cochrane; Roberta Jo | Los Gatos | CA | | |
| Lapis; George | San Jose | CA | | |
| Leung; Ting Yu | San Jose | CA | | |
| Pirahesh; Mir Hamid | San Jose | CA | | |
| Urata; Monica Sachiye | Saratoga | CA | | |
| Sidle; Richard Sefton | Mountain View | CA | | |
| Simmen; David E. | San Jose | CA | | |
| Zuzarte; Calisto Paul | Pickering | | | CA |

US-CL-CURRENT: [707/2](#); [707/10](#), [707/100](#), [707/104.1](#), [707/3](#), [707/4](#)

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| KWIC | Draw Desc | Image |
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☐ 45. Document ID: US 6332167 B1

L3: Entry 45 of 69

File: USPT

Dec 18, 2001

US-PAT-NO: 6332167

DOCUMENT-IDENTIFIER: US 6332167 B1

**** See image for Certificate of Correction ****

TITLE: Multithreaded batch processing system

DATE-ISSUED: December 18, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|------------|-------|----------|---------|
| Peters; Michael S. | Greensboro | NC | | |
| Holt; Clayton Walter | Greensboro | NC | | |
| Arnold, Jr.; David J. | Asheboro | NC | | |

US-CL-CURRENT: [709/318](#)

| | | | | | | | | | |
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| KWIC | Draw Desc | Image |
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☐ 46. Document ID: US 6282519 B1

L3: Entry 46 of 69

File: USPT

Aug 28, 2001

US-PAT-NO: 6282519

DOCUMENT-IDENTIFIER: US 6282519 B1

TITLE: No-reset option in a batch billing system

DATE-ISSUED: August 28, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|------------|-------|----------|---------|
| Peters; Michael S. | Greensboro | NC | | |
| Holt; Clayton Walter | Greensboro | NC | | |
| Arnold, Jr.; David J. | Asheboro | NC | | |

US-CL-CURRENT: [705/34](#); [709/101](#), [709/102](#)

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| KWIC | Draw Desc | Image |
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☐ 47. Document ID: US 6122642 A

L3: Entry 47 of 69

File: USPT

Sep 19, 2000

US-PAT-NO: 6122642

DOCUMENT-IDENTIFIER: US 6122642 A

TITLE: System for propagating, retrieving and using transaction processing facility
airline computerized reservation system data on a relational database processing
platform

DATE-ISSUED: September 19, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------|-------|-------|----------|---------|
| Mehovic; Farid | Hurst | TX | | |

US-CL-CURRENT: 707/104.1; 700/216, 705/5, 707/3, 707/4

| | | | | | | | | | |
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☐ 48. Document ID: US 6092062 A

L3: Entry 48 of 69

File: USPT

Jul 18, 2000

US-PAT-NO: 6092062

DOCUMENT-IDENTIFIER: US 6092062 A

TITLE: Relational database query optimization to perform query evaluation plan,
pruning based on the partition properties

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|----------|-------|----------|---------|
| Lohman; Guy Maring | San Jose | CA | | |
| Shekita; Eugene Jon | San Jose | CA | | |
| Simmen; David E. | San Jose | CA | | |
| Urata; Monica Sachiye | Saratoga | CA | | |

US-CL-CURRENT: 707/2; 707/3, 707/4, 707/5

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☐ 49. Document ID: US 6081801 A

L3: Entry 49 of 69

File: USPT

Jun 27, 2000

US-PAT-NO: 6081801

DOCUMENT-IDENTIFIER: US 6081801 A

TITLE: Shared nothing parallel execution of procedural constructs in SQL

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|-----------|-------|----------|---------|
| Cochrane; Roberta Jo | Los Gatos | CA | | |
| Lapis; George | San Jose | CA | | |
| Pirahesh; Mir Hamid | San Jose | CA | | |
| Sidle; Richard Sefton | Toronto | | | CA |
| Simmen; David Everett | San Jose | CA | | |
| Truong; Tuong Chanh | San Jose | CA | | |
| Urata; Monica Sachiye | Saratoga | CA | | |

US-CL-CURRENT: 707/3; 707/201, 707/8

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 50. Document ID: US 6067542 A

L3: Entry 50 of 69

File: USPT

May 23, 2000

US-PAT-NO: 6067542

DOCUMENT-IDENTIFIER: US 6067542 A

TITLE: Pragma facility and SQL3 extension for optimal parallel UDF execution

DATE-ISSUED: May 23, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|---------|-------|----------|---------|
| Carino, Jr.; Felipe | Arcadia | CA | | |

US-CL-CURRENT: 707/4; 707/102, 707/104.1

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| L2 and relational adj database adj management adj system | 69 |

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Zvon - RFC 610 - A Model for Data language Semantics

... X has value 'DEF' and Y has value 'GHI'. 4.8.4. **Data description functions**.

These all return a form evaluating to a description (ie ...

www.zvon.org/tmRFC/RFC610/Output/chapter4.html - 89k - [Cached](#) - [Similar pages](#)

eeb99

... set into Splus: Data frames; The sas.get() function. **Data description functions**; Handling missing values; Basic plotting functions; Before ...www.biostat.harvard.edu/~cwager/eeb99/ - 16k - [Cached](#) - [Similar pages](#)

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File Format: PDF/Adobe Acrobat - [View as HTML](#)... Documents Reference Documents Abbreviations and Acronyms Glossary Architecture Overview Architectural model **Data Description Functions** Time Synchronization ...obswww.unige.ch/Instruments/GIRAFFE/Files/VLTdoc/pdf/ccsTims_sdd1.0.pdf - [Similar pages](#)

Teradata Review Summer 1999 - A Preprocessing Prescriptive

... TeraMiner Stats streamlines preprocessing in several ways. First, it includes a set of **data description functions** that will help the user understand the data. ...www.teradatamagazine.com/articles/1999/summer_1999/edelstein.html - 26k - [Cached](#) - [Similar pages](#)

RFC 610 - web hosting by Directi

... 4.8.4 **Data description functions** These all return a form evaluating to a description (ie that which is represented in our drawings by a box labeled "description ...rfc-610.rfc-search.org/rfc-610-63.htm - 9k - [Cached](#) - [Similar pages](#)

CALL/R/DESCRIPTION - diff - 1.2

... Description: Functions to read .dat files and to analyze CALL **data**,**Description: Functions** to read .dat files and to analyze CALL data. ...cvs.deioc.ull.es/cgi-bin/cvsweb/CALL/R/Ätic/DESCRIPTION.diff?r1=1.1&r2=1.2 - 5k - Supplemental Result - [Cached](#) - [Similar pages](#)

■ Weather and day of week

- EEB271c Final Exam, Spring 1999
- Appendix
 - Here are some other useful Splus links.
- About this document ...

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